

In the Claims:

This listing of the claims will replace all prior versions and listings of the claims in the application:

Listing of Claims:

1. (Previously Presented) An apparatus, comprising:
a display configured to display various readable data; and
a control unit configured to extract at least a part of the displayed data and configured to send the extracted part of the displayed data to a speech generating device that is configured to generate speech from the extracted part of the displayed data,
wherein the speech generating device is attachable to the apparatus, and wherein the control unit is configured to send the extracted part of the displayed data to the speech generating device at a fixed and/or controllable rate based on user interaction with the display comprising scrolling and/or voice control input received from a user.
2. (Previously Presented) An apparatus according to claim 1, wherein the control unit is configured to automatically send said extracted part of the displayed data to the speech generating device a line or a word at a time at a fixed and/or controllable rate.
3. (Previously Presented) An apparatus according to claim 1, wherein the control unit is configured to send said extracted part of the displayed data to the speech generating device a line or a word at a time based on scrolling in the display.
4. (Previously Presented) An apparatus according to claim 1, wherein the displayed data includes text from menus, text messages, help information, calendars and/or confirmation of actions taken with the apparatus.
5. (Previously Presented) An apparatus according to claim 1, wherein the control

unit is configured to send said extracted part of the displayed data to the speech generating device a line or a word at a time based on inputting characters to the apparatus.

6. (Previously Presented) An apparatus according to claim 5, wherein the control unit is configured to send the displayed data responsive to input of definite characters including letters, signs, spaces and/or punctuation marks.

7. (Previously Presented) An apparatus according to claim 1, wherein the control unit is configured to extract the displayed data from a selected file and automatically send the displayed data to the speech generating device at a fixed and/or controllable rate.

8. (Canceled).

9. (Previously Presented) An apparatus according to claim 1, wherein the data is received as ASCII characters.

10. (Previously Presented) An apparatus according to claim 1, wherein the speech generating device includes a conversion circuit configured to support various selectable languages.

11. (Previously Presented) An apparatus according to claim 10, wherein the conversion circuit is configured to download languages via the connected apparatus.

12. (Previously Presented) An apparatus according to claim 1, wherein the speech generating device includes a conversion circuit configured to support various selectable voices.

13. (Previously Presented) An apparatus according to claim 12, wherein the conversion circuit is configured to download voices via the connected apparatus.

14. (Previously Presented) An apparatus according to claim 1, wherein a speed of the speech signal is adjustable.

15. (Previously Presented) An apparatus according to claim 1, wherein the speech generating device includes a microcontroller configured to be connected to a memory device containing language information including various languages, abbreviation lists and/or dictionaries.

16. (Previously Presented) An apparatus according to claim 1, wherein the speech generating device includes a microcontroller configured to be connected to a memory device containing voice settings.

17. (Previously Presented) An apparatus according to claim 1, wherein the speech generating device includes a microcontroller configured to be connected to the apparatus via a system connector having an interface for audio signals, serial channels, power leads and/or analog and digital ground leads.

18. (Previously Presented) An apparatus according to claim 17, wherein the speech generating device includes a functional cover comprising a shell covering a front of the apparatus and a microprocessor cooperating with a processor of the apparatus.

19. (Previously Presented) An apparatus according to claim 1, wherein the apparatus comprises a portable telephone, a pager, a communicator and/or an electronic organizer.

20. (Previously Presented) An apparatus, comprising:
a display configured to display various readable data;
a control unit; and

a speech generating device including a conversion circuit therein configured to convert received data to a speech signal and configured to be connected to a speaker system, wherein the control unit is configured to extract at least a part of the displayed data and send the extracted part of the displayed data to the speech generating device.

21. (Previously Presented) An apparatus according to claim 20, wherein the control unit is configured to send said extracted part of the displayed data automatically to the speech generating device at a fixed and/or controllable rate.

22. (Previously Presented) An apparatus according to claim 20, wherein the control unit is configured to send said extracted part of the readable data to the speech generating device based on scrolling in the display.

23. (Previously Presented) An apparatus according to claim 20, wherein the displayed data includes text from menus, text messages, help information, calendars and/or confirmation of actions taken with the apparatus.

24. (Previously Presented) An apparatus according to claim 20, wherein the control unit is configured to send said extracted part of the displayed data to the speech generating device based on inputting characters to the apparatus.

25. (Previously Presented) An apparatus according to claim 24, wherein the control unit is configured to send the displayed data responsive to input of definite characters including letters, signs, spaces and/or punctuation marks.

26. (Previously Presented) An apparatus according to claim 20, wherein the control unit is configured to extract the displayed data from a selected file and automatically send the displayed data to the speech generating device at a fixed and/or controllable rate.

27. (Previously Presented) An apparatus according to claim 20, wherein the speaker system is integrated with the apparatus.

28. (Previously Presented) An apparatus according to claim 20, wherein the data is sent as ASCII characters.

29. (Previously Presented) An apparatus according to claim 20, wherein the conversion circuit is configured to support various selectable languages.

30. (Previously Presented) An apparatus according to claim 29, wherein the apparatus is configured to download languages.

31. (Previously Presented) An apparatus according to claim 20, wherein the conversion circuit is configured to support various selectable voices.

32. (Previously Presented) An apparatus according to claim 31, wherein the apparatus is configured to download voices.

33. (Previously Presented) An apparatus according to claim 20, wherein a speed of the speech signal is adjustable.

34. (Previously Presented) An apparatus according to claim 20, wherein the apparatus is configured to be connected to a memory device containing language information including various languages, abbreviation lists and/or dictionaries.

35. (Previously Presented) An apparatus according to claim 20, wherein the apparatus is configured to be connected to a memory device containing voice settings.

36. (Canceled).

37. (Previously Presented) A computer program product comprising a computer readable storage medium having computer readable program code embodied therein, the computer readable program code configured to be loaded into internal memory of an apparatus having a display for showing various readable data, the computer readable program code comprising:

computer readable program code configured to achieve the functionality of the apparatus of claim 20.

38. (Canceled).

39. ((Previously Presented)) A wireless communication device, comprising:
a display configured to display various readable data;
a speaker;
a speech generating device including a conversion circuit therein configured to convert received data to a speech signal and provide the speech signal to the speaker; and
a control unit configured to extract at least a part of the displayed data and send the extracted part of the displayed data to the speech generating device.